

IN THE CLAIMS:

Please amend the claims as follows:

1. **(Currently Amended)** A sliding element for seals mainly comprising a carbon matrix formed by firing a matrix comprising 25 to 75 weight % carbon aggregate and 20 to 50 weight % thermosetting synthetic resin binder, wherein the sliding element for seals is provided with further includes isolatedly scattered spherical pores inside the carbon matrix and having a whose diameter is in the a range of from 1 to 100 µm and concaves formed on a carbon sliding face.
2. **(Currently Amended)** The sliding element as in claim 1, wherein the pores are spherical and a mean diameter of the pores is in the range of from 2 to 100 µm.
3. **(Original)** The sliding element as in claim 1, wherein a pore area ratio of the pores is in the range of from 1 to 20 %.
4. **(Original)** The sliding element for seals as in claim 1, wherein shore hardness is 70 or more and apparent specific gravity is 1.55 or less.
5. **(Original)** The sliding element for seals as in claim 4, wherein shore hardness is 130 or less.
6. **(Currently Amended)** A seal assembly comprising a sliding element as in claim 1 and a mating sliding element comprised of a harder material, which presents a more dense structure than the sliding element of claim 1.

7. **(Currently Amended)** The seal assembly as in claim 6, wherein the mating sliding element is comprised of normal pressure sintered silicon carbide.

8. **(Currently Amended)** A process of manufacturing sliding element for seals, comprising the steps of blending source material mainly comprised of 25 to 75 weight % carbon aggregate and 20 to 50 weight % thermosetting synthetic resin binder with 1 to 30 weight % spherical resin, which is a resin having a spherical form and different from the thermosetting resin binder, and after mixing, kneading, and molding the blended material to a preform, firing the perform preform to a predetermined temperature.

9. **(Original)** The process of manufacturing sliding element for seals as in claim 8, wherein particle size of said spherical resin is in the range of from 1 to 100 μm .

10. **(Original)** The process of manufacturing sliding element for seals as in claim 8, wherein said spherical resin is comprised of one or more resins selected from polybutyl methacrylate, polymethyl methacrylate, polystyrene, polyacrylic ester, polyethylene and nylon 6, and starting point of softening, melting and volatilization of said resin is higher than a molding temperature for said molding.

11. **(Original)** The process of manufacturing sliding element for seals as in claim 8 wherein said thermosetting synthetic resin binder is comprised of one or more resins selected from phenol resin, epoxy resin, furan resin, polyester resin and naphthalene resin, a molding temperature for said molding is 120 to 200°C and a firing temperature for said firing is 800 to 3000 °C.